

# Notice of Allowability

## Application No.

10/664,826

## Examiner

KENNETH TANG

## Applicant(s)

MITCHELL ET AL.

## Art Unit

2195

### - The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment on 10/31/08 and the Examiner's Amendment on 12/30/08.
2. ☒ The allowed claim(s) is/are 1, 4-8, 10-14, and 17-18; now renumbered as 1-13.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some\* c) ☐ None of the:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.  
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached  
1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.  
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.  
**Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date 12/30/08.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

/Meng-Ai An/  
Supervisory Patent Examiner, Art Unit 2195

### EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Leonard Searcy (Reg. No. 53,574) on 12/30/08.

The claims have been amended as follows:

1. (Currently Amended) In a communications-networking environment, a method for automatically presenting the progress of a transaction, comprising:

receiving a transaction that requires completing one or more substeps wherein a substep is a process to be performed in an execution of the transaction, wherein receiving the transaction includes, without user interaction, suspending user control until said transaction is received but prior to when said transaction is completed, and wherein the transaction includes two or more of the following:

modifying call-routing instructions associated with a telecommunications network;

implementing a database update; and

implementing a LERG (Local Exchange Routing Guide) update;

and

without user interaction, communicating to one or more display devices one or more indications respectively related to said one or more substeps as said one or more substeps are performed wherein communicating to the one or more display devices comprises communicating the one or more indications to a broadcasting device and sending the one or more indications from the broadcasting device to the one or more display devices.

2-3. (Cancelled)

4. (Original) The method of claim 1, wherein communicating said one or more indications include communicating the indications to a device other than the device from which the transaction request was submitted.

5. (Currently Amended) The method of claim ~~[[2]]~~1, wherein communicating said one or more indications include communicating indications corresponding to disparate transactions to one or more display devices wherein disparate transactions are separate distinct transactions.

6. (Currently Amended) The method of claim ~~[[2]]~~1, wherein said indications respectively related to said ~~me~~ two or more substeps correspond to one or more of the following events:

- when a transaction is submitted;
- when a transaction is received;
- when a transaction is validated;
- when a transaction is accepted;

when a transaction is reformatted;  
when a transaction is sent to one or more network devices; and/or  
when one or more messages from said one or more network devices are received.

7. (Original) The method of claim 6, wherein said indications include a description of said respective event.

8. (Currently Amended) One or more computer-readable storage media having computer-useable instructions embodied thereon for automatically providing real-time transaction-progression status updates, said method comprising:

receiving a transaction, wherein the execution of the transaction involves performing one or more subprocesses, wherein receiving the transaction includes, without user interaction, suspending user control until said transaction is received but prior to when said transaction is completed, and wherein receiving the transaction includes receiving two or more of the following:

a database-update request;

a LERG (Local Exchange Routing Guide) update; and

a network-device-configuration change;

generating a plurality of status indicators as said one or more subprocesses progress; and

dynamically communicating one or more of said plurality of status indicators to a broadcasting device, whereby said plurality of status indicators can be sent to one or more receiving components.

9. (Cancelled)

10. (Currently Amended) The media of claim [[9]]8, wherein generating a plurality of status indicators include generating an indication of one or more of the following events:

when a transaction is submitted;

when a transaction is received;

when a transaction is validated;

when a transaction is accepted;

when a transaction is reformatted;

when a transaction is sent to one or more network devices; and/or

when one or more messages from said one or more network devices are received.

11. (Original) The method of claim 10, wherein said plurality of status indicators include a description of said respective event.

12. (Currently Amended) The method of claim [[9]]8, wherein dynamically communicating one or more of said plurality of status indicators are accomplished without user intervention.

13. (Currently Amended) The method of claim [[9]]8, wherein dynamically communicating one or more of said plurality of status indicators include sending indicator(s) associated with unique transactions simultaneously wherein the unique transactions are separate distinct transactions.

14. (Currently Amended) In a communications networking environment, a system having a processor coupled to a memory for monitoring transaction progression in real time, the system comprising:

a request-receiving component that receives an incoming transaction wherein said request receiving component retains processing control while receiving said incoming transaction but releases processing control, without user interaction, prior to final execution of said transaction and wherein said incoming-transaction includes two or more of the following:

a call-routing modification associated with a telecommunications network;

a database update;

a LERG (Local Exchange Routing Guide) update;

~~a table-modification request;~~ and

a network-device-configuration change;

a status-monitoring component - coupled to said request-receiving component - that monitors the progression of said transaction and provides feedback related to the status of the transaction's progression toward completion; and

a status-transmission component that receives said feedback and communicates said feedback to one or more receiving devices.

15-16. (Cancelled).

17. (Previously Presented) The system of claim 14, wherein the status-monitoring component identifies a plurality of events that are accomplished as said transaction progresses toward final execution.

18. (Original) The system of claim 17, wherein the plurality of events include one or more of:

submitting a transaction to process;  
receiving a transaction;  
validating a transaction;  
accepting a transaction;  
sending a transaction to one or more network devices; and  
receiving one or more responses from said network devices.

19-23. (Cancelled)

### *Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KENNETH TANG whose telephone number is (571)272-3772. The examiner can normally be reached on 8:30AM - 6:00PM, Every other Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai An can be reached on (571) 272-3756. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Meng-Ai An/  
Supervisory Patent Examiner, Art Unit 2195

/Kenneth Tang/  
Examiner, Art Unit 2195